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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/835,398	04/17/2001	Peter Michael Wright	08215-415001 / P03-026035	5158

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EXAMINER	
BONURA, TIMOTHY M	
ART UNIT	**PAPER NUMBER**
2114	

DATE MAILED: 03/08/2004 7

Please find below and/or attached an Office communication concerning this application or proceeding.

TDM

Office Action Summary	Application No.	Applicant(s)	
	09/835,398	WRIGHT ET AL.	
	Examiner	Art Unit	
	Tim Bonura	2114	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *17 April 2001*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-53* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☐ Claim(s) *1-6,8,9,11,13-31,33,34,36,38-51 and 53* is/are rejected.

7)☐ Claim(s) *7,10,12,32,35,37 and 52* is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *17 April 2001* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date *4 and 6*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

- **Claims 1-6, 8-9, 11, 13-31, 33-34, 36, 38-51, and 53 are rejected under 35 U.S.C. 103(a) as being unpatentable over Carter, U.S. Patent Number 6,298,449 and further in view of Yukinori, Japanese Patent 2002-132599.**

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

2. Claims 1-6, 8-9, 11, 13-31, 33-34, 36, 38-51, and 53 are rejected under 35 U.S.C. 103(a) as being unpatentable over Carter, U.S. Patent Number 6,298,449 and further in view of Yukinori, Japanese Patent 2002-132599. Regarding claim 1:

a. Regarding the limitation of "a power system interface circuit for communicating with the power system," Carter discloses a system with a power supply controller connected to a power supply. (Items 54 and 16 in Figure 3).

b. Regarding the limitation of "a processor coupled to the power system interface circuit," Carter discloses a system that has an integrated reliability enhancement device adapted for cooperative interaction with a host computer. (Lines 65-66 of Column 1, also see Items 54 and 60 in Figure 3).

c. Regarding the limitation of "memory storing software instructions performed by the processor for receiving electronic mail from a remote system through a communication link and for automatically transmitting electronic mail to the remote

system through the communication link," Carter teaches of a system that communicates with a power source via an SNMP message and stores them in error logs. Carter does not teach of communicating messages via email. Yukinori discloses a system wherein an electronic mail message can be converted into a SNMP message. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the references of Carter with the message conversion of Yukinori. It would have been obvious to one of ordinary skill because Carter discloses the need for a direct controller to LAN system connection. (Lines 16-21 of Column 3). Yukinori would provide a direct connection between a power supplies and LAN systems via email. (Lines 5-9 of the abstract).

3. Regarding claim 2, Carter discloses a system wherein the SNMP messages contain information regarding operating status of power supplies. (Lines 49-53 of Column 2).

4. Regarding claim 3, Carter discloses a system wherein data representative of an event can be written to an log and an application software can be configured to enable notification capabilities, of which include SNMP messaging. (Lines 41-42 and 64-67 of Column 2).

5. Regarding claim 4, Carter discloses a with failure detection of a power supply and also a system that can control a power system that can enable a secondary power source.

6. Regarding claim 5, Carter discloses a system that has a register on the integrated reliability enhancement device. The register stores data regarding specific events that can be sent via messaging. (Lines 60-63 of Column 2).

7. Regarding claim 6, Carter discloses that the register can store specific event data. (Lines 63 of Column 2).

8. Regarding claim 8, Carter discloses application software on a host computer that can process data of status from devices. (Lines 35-41 of Column 2). The status data is read from a register. The message data from the devices stored on the register contains event data. (Lines 62-63 of Column 2).

9. Regarding claim 9, Carter discloses a system with application software. (Lines 35-41 of Column 2). The application software can process SNMP messages contain information regarding operating status of power supplies. (Lines 49-53 of Column 2).

10. Regarding claim 11, Carter discloses a system with application software (Lines 35-41 of Column 2), which can process SNMP messages with commands. (Lines 63-67 of Column 2). The system allows for

11. Regarding claim 13, Yukinori discloses a system uses electronic mail to notify a manager of an event. It is inherent the email can be written in ASCII text.

12. Regarding claim 14, Yukinori discloses a system uses electronic mail to notify a manager of an event. It is inherent the email can be written in HTML text.

13. Regarding claim 15, Yukinori discloses a system uses electronic mail to notify a manager of an event. It is inherent the email can be written in XML text.

14. Regarding claim 16, Yukinori discloses a system uses electronic mail to notify a manager of an event. It is inherent the email can have attachments. It is also inherent that email attachments can be of any encoding type.

15. Regarding claim 17, Yukinori discloses a system uses electronic mail to notify a manager of an event. It is inherent the email application can interpret an email contains an attachment.

16. Regarding claim 18, Yukinori discloses a system uses electronic mail to notify a manager of an event. It is inherent the email can have attachments. It is also inherent that email attachments can be of any encoding type.

17. Regarding claim 19, Yukinori discloses a system uses electronic mail to notify a manager of an event. It is inherent the email application can interpret an email contains an attachment.

18. Regarding claim 20, Yukinori discloses a system uses electronic mail to notify a manager of an event. It is inherent the email application can format data so that is can be transmitted within an email.

19. Regarding claim 21, Yukinori discloses a system the can send electronic mail to a remote system. (Lines 5-10 of the abstract).

20. Regarding claim 22, Carter discloses a system that transmits the data to a remote computer for viewing. (Lines 42-51 of Column 4).

21. Regarding claim 23, Yukinori discloses a system that can send email with SMTP. (Lines 5-7 of the Abstract).

22. Regarding claim 24, Carter discloses a system in which temperature data of a power system is stored in memory. (Lines 12-14 of Column 5).

23. Regarding claim 25, Carter discloses a system that has a register on the integrated reliability enhancement device. The register stores data regarding specific events that can be sent via messaging. (Lines 60-63 of Column 2).

24. Regarding claim 26:

d. Regarding the limitation of "an intelligent electronic device connected to the power system," Carter discloses a system that has an integrated reliability enhancement

device adapted for cooperative interaction with a host computer. (Lines 65-66 of Column 1, also see Items 54 and 60 in Figure 3).

e. Regarding the limitation of "a system remote from the intelligent electronic device and connected to the intelligent electronic device through a communication link," Carter discloses a system that transmits the data to a remote computer for viewing. (Lines 42-51 of Column 4).

f. Regarding the limitation of "a power system interface circuit for communicating with the power system," Carter discloses a system with a power supply controller connected to a power supply. (Items 54 and 16 in Figure 3).

g. Regarding the limitation of "a processor," Carter discloses a system with a processor. (Figure 3, item 60).

h. Regarding the limitation of "memory storing software instructions performed by the processor for receiving electronic mail from a remote system through a communication link and for automatically transmitting electronic mail to the remote system through the communication link," Carter teaches of a system that communicates with a power source via an SNMP message and stores them in error logs. Carter does not teach of communicating messages via email. Yukinori discloses a system wherein an electronic mail message can be converted into a SNMP message. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the references of Carter with the message conversion of Yukinori. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the references of Carter with the message conversion of Yukinori. It would have been

obvious to one of ordinary skill because Carter discloses the need for a direct controller to LAN system connection. (Lines 16-21 of Column 3). Yukinori would provide a direct connection between a power supplies and LAN systems via email. (Lines 5-9 of the abstract).

25. Regarding claim 27, Carter discloses a system wherein the SNMP messages contain information regarding operating status of power supplies. (Lines 49-53 of Column 2).

26. Regarding claim 28, Carter discloses a system wherein data representative of an event can be written to an log and an application software can be configured to enable notification capabilities, of which include SNMP messaging. (Lines 41-42 and 64-67 of Column 2).

27. Regarding claim 29, Carter discloses a with failure detection of a power supply and also a system that can control a power system that can enable a secondary power source.

28. Regarding claim 30, Carter discloses a system that has a register on the integrated reliability enhancement device. The register stores data regarding specific events that can be sent via messaging. (Lines 60-63 of Column 2).

29. Regarding claim 31, Carter discloses that the register can store specific event data. (Lines 63 of Column 2).

30. Regarding claim 33, Carter discloses application software on a host computer that can process data of status from devices. (Lines 35-41 of Column 2). The status data is read from a register. The message data from the devices stored on the register contains event data. (Lines 62-63 of Column 2).

31. Regarding claim 34, Carter discloses a system with application software. (Lines 35-41 of Column 2). The application software can process SNMP messages contain information regarding operating status of power supplies. (Lines 49-53 of Column 2).

32. Regarding claim 36, Carter discloses a system with application software (Lines 35-41 of Column 2), which can process SNMP messages with commands. (Lines 63-67 of Column 2). The system allows for

33. Regarding claim 38, Yukinori discloses a system uses electronic mail to notify a manager of an event. It is inherent the email can be written in ASCII text.

34. Regarding claim 39, Yukinori discloses a system uses electronic mail to notify a manager of an event. It is inherent the email can be written in HTML text.

35. Regarding claim 40, Yukinori discloses a system uses electronic mail to notify a manager of an event. It is inherent the email can be written in XML text.

36. Regarding claim 41, Yukinori discloses a system uses electronic mail to notify a manager of an event. It is inherent the email can have attachments. It is also inherent that email attachments can be of any encoding type.

37. Regarding claim 42, Yukinori discloses a system uses electronic mail to notify a manager of an event. It is inherent the email application can interpret an email contains an attachment.

38. Regarding claim 43, Yukinori discloses a system uses electronic mail to notify a manager of an event. It is inherent the email can have attachments. It is also inherent that email attachments can be of any encoding type.

39. Regarding claim 44, Yukinori discloses a system uses electronic mail to notify a manager of an event. It is inherent the email application can interpret an email contains an attachment.

40. Regarding claim 45, Yukinori discloses a system uses electronic mail to notify a manager of an event. It is inherent the email application can format data so that is can be transmitted within an email.

41. Regarding claim 46, Yukinori discloses a system the can send electronic mail to a remote system. (Lines 5-10 of the abstract). Yukinori discloses a system that can send email with SMTP. (Lines 5-7 of the Abstract).

42. Regarding claim 47, Carter discloses a system that transmits the data to a remote computer for viewing. (Lines 42-51 of Column 4).

43. Regarding claim 48:

i. Regarding the limitation of "a power system interface circuit for communicating with the power system," Carter discloses a system with a power supply controller connected to a power supply. (Items 54 and 16 in Figure 3).

j. Regarding the limitation of "a processor coupled to the power system interface circuit," Carter discloses a system that has an integrated reliability enhancement device adapted for cooperative interaction with a host computer. (Lines 65-66 of Column 1, also see Items 54 and 60 in Figure 3).

k. Regarding the limitation of "memory storing software instructions performed by the processor for receiving instant message from a remote system through a communication link and for automatically transmitting instant message to the remote system through the communication link," Carter teaches of a system that communicates with a power source via an SNMP message and stores them in error logs. Carter does not teach of communicating messages via email. Yukinori discloses a system wherein an

electronic mail message can be converted into a SNMP message. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the references of Carter with the message conversion of Yukinori. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the references of Carter with the message conversion of Yukinori. It would have been obvious to one of ordinary skill because Carter discloses the need for a direct controller to LAN system connection. (Lines 16-21 of Column 3). Yukinori would provide a direct connection between a power supplies and LAN systems via email. (Lines 5-9 of the abstract).

44. Regarding claim 49:

l. Regarding the limitation of "a power system interface circuit for communicating with the power system," Carter discloses a system with a power supply controller connected to a power supply. (Items 54 and 16 in Figure 3).

m. Regarding the limitation of "a processor coupled to the power system interface circuit," Carter discloses a system that has an integrated reliability enhancement device adapted for cooperative interaction with a host computer. (Lines 65-66 of Column 1, also see Items 54 and 60 in Figure 3).

n. Regarding the limitation of "memory storing software instructions performed by the processor for receiving electronic mail from a remote system through a communication link," Carter teaches of a system that communicates with a power source via an SNMP message and stores them in error logs. Carter does not teach of communicating messages via email. Yukinori discloses a system wherein an electronic

mail message can be converted into a SNMP message. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the references of Carter with the message conversion of Yukinori. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the references of Carter with the message conversion of Yukinori. It would have been obvious to one of ordinary skill because Carter discloses the need for a direct controller to LAN system connection. (Lines 16-21 of Column 3). Yukinori would provide a direct connection between a power supplies and LAN systems via email. (Lines 5-9 of the abstract).

45. Regarding claim 50:

o. Regarding the limitation of "a power system interface circuit for communicating with the power system," Carter discloses a system with a power supply controller connected to a power supply. (Items 54 and 16 in Figure 3).

p. Regarding the limitation of "a processor coupled to the power system interface circuit," Carter discloses a system that has an integrated reliability enhancement device adapted for cooperative interaction with a host computer. (Lines 65-66 of Column 1, also see Items 54 and 60 in Figure 3).

q. Regarding the limitation of "memory storing software instructions performed by the processor for receiving electronic mail to the remote system through the communication link," Carter teaches of a system that communicates with a power source via an SNMP message and stores them in error logs. Carter does not teach of communicating messages via email. Yukinori discloses a system wherein an electronic mail message can be converted into a SNMP message. It would have been obvious to

one of ordinary skill in the art at the time of the invention to combine the references of Carter with the message conversion of Yukinori. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the references of Carter with the message conversion of Yukinori. It would have been obvious to one of ordinary skill because Carter discloses the need for a direct controller to LAN system connection. (Lines 16-21 of Column 3). Yukinori would provide a direct connection between a power supplies and LAN systems via email. (Lines 5-9 of the abstract).

46. Regarding claim 51:

r. Regarding the limitation of "a first code segment to receive input from a power system relating to operation of the power system," Carter discloses a system with a power supply controller that receives information from the power supply concerning events. (Lines 3-5 of Column 3).

s. Regarding the limitation of "a second code segment to send output to the power system to operate a fault protection device when input received from the power system indicates a fault event in the power system," Carter discloses a system can enable a second power supply upon detection failure of the first power supply. (Lines 5-8 of Column 3).

t. Regarding the limitation of "a third code segment to receive electron mail from a remote system through a communication link," Carter teaches of a system that communicates with a power source via an SNMP message and stores them in error logs. Carter does not teach of communicating messages via email. Yukinori discloses a system wherein an electronic mail message can be converted into a SNMP message. It would

have been obvious to one of ordinary skill in the art at the time of the invention to combine the references of Carter with the message conversion of Yukinori. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the references of Carter with the message conversion of Yukinori. It would have been obvious to one of ordinary skill because Carter discloses the need for a direct controller to LAN system connection. (Lines 16-21 of Column 3). Yukinori would provide a direct connection between a power supplies and LAN systems via email. (Lines 5-9 of the abstract).

47. Regarding claim 53:

u. Regarding the limitation of "a first code segment to receive input from a power system relating to operation of the power system," Carter discloses a system with a power supply controller that receives information from the power supply concerning events. (Lines 3-5 of Column 3).

v. Regarding the limitation of "a second code segment to send output to the power system to operate a fault protection device when input received from the power system indicates a fault event in the power system," Carter discloses a system can enable a second power supply upon detection failure of the first power supply. (Lines 5-8 of Column 3).

w. Regarding the limitation of "a third code segment to receive electron mail to a remote system through a communication link," Carter teaches of a system that communicates with a power source via an SNMP message and stores them in error logs. Carter does not teach of communicating messages via email. Yukinori discloses a system

wherein an electronic mail message can be converted into a SNMP message. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the references of Carter with the message conversion of Yukinori. It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the references of Carter with the message conversion of Yukinori. It would have been obvious to one of ordinary skill because Carter discloses the need for a direct controller to LAN system connection. (Lines 16-21 of Column 3). Yukinori would provide a direct connection between a power supplies and LAN systems via email. (Lines 5-9 of the abstract).

Allowable Subject Matter

48. Claims 7, 10, 12, 32, 35, 37, and 52 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

49. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Tim Bonura.**

- The examiner can normally be reached on **Mon-Fri: 7:30-5:00, every other Friday off**. The examiner can be reached at: **703-305-7762**.

50. If attempts to reach the examiner by telephone are unsuccessful, please contact the examiner's supervisor, **Rob Beausoliel.**

- The supervisor can be reached on **703-305-9713.**

51. The fax phone numbers for the organization where this application or proceeding is assigned are:

- **703-872-9306 for all patent related correspondence by FAX.**

52. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov/. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

53. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the **receptionist** whose telephone number is: **703-305-3900.**

54. Responses should be mailed to:

- **Commissioner of Patents and Trademarks**

  P.O. Box 1450

  Alexandria, VA 22313-1450

NADEEM IQBAL
PRIMARY EXAMINER

Tim Bonura
Examiner
Art Unit 2114

tmb
March 1, 2004